

AMENDMENTS TO THE SPECIFICATION

IN THE SPECIFICATION:

Please replace the paragraph [48] beginning on page 9, line 11 with the following rewritten paragraph.

FIG. 7 illustrates radii of curvature of a shadow mask in a cathode ray tube according to an embodiment of the present invention.

Please replace the paragraph [49] beginning on page 9, line 13 with the following rewritten paragraph.

FIG. 8 is a graph illustrating a relation between drop strength and α -value of a cathode ray tube according to an embodiment of the present invention.

Please replace the paragraph [57] beginning on page 10, line 17 with the following rewritten paragraph.

FIG. 7 illustrates ~~a radius~~ radii of curvature of a shadow mask in a cathode ray tube according to an embodiment of the present invention, depending on a distance from a center of the shadow mask.

Please replace the paragraph [59] beginning on page 10, line 18 with the following rewritten paragraph.

Compared with the result obtained from a related art shadow mask in FIG. 6, the radius of curvature of the shadow mask of the embodiment of the present invention is shorter in the minor-axis direction and longer in the major-axis direction, so the radii of curvature in the major-axis, minor-axis and diagonal-axis directions are substantially same.

Please replace the paragraph [63] beginning on page 11, line 15 with the following rewritten paragraph.

As discussed before, in the cathode ray tube of the present ~~invention~~ embodiment, the radii of curvature in the respective directions of the shadow mask are designed to be substantially the same. Therefore, when external impact is applied to the shadow mask the impact is equally distributed in the major-axis, minor-axis and diagonal-axis directions of the shadow mask thereby improving the drop strength.

Please replace the paragraph [64] beginning on page 11, line 20 with the following rewritten paragraph.

To explain the present ~~invention~~ embodiment by means of a radius of curvature expansion of the shadow mask the following equation can be obtained.

Please replace the paragraph [69] beginning on page 12, line 20 with the following rewritten paragraph.

In the above expansion, what really determines a ~~the~~ curvature radius decrease pattern of the shadow mask ~~is~~ are the ratios b/a and d/c . Depending on these b/a and d/c values, the curvature radius decrease patterns in the major-axis and minor-axis directions ~~is~~ can be determined. If the b/a value and the d/c value are great, it means that the Z-value is large with respect to the same x and y values. And, when the b/a and d/c values are increased, the degree of decrease of the radius of curvature gets severe.

Please replace the paragraph [70] beginning on page 13, line 5 with the following rewritten paragraph.

However, in case of the shadow mask of the cathode ray tube according to the embodiment of the present invention, the radius of curvature in each

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Art Unit: 2882

Page 5 of 21

direction (major-axis, minor-axis and diagonal-axis direction) is substantially same with one another, so its decrease pattern is also same.